

L Number	Hits	Search Text	DB	Time stamp
1	316	((((film or photo\$5 or image or picture or frame) near3 (holder or frame)) with (scan\$4 or sens\$2 or read\$3 or extract\$3)) same ((edge or border or boundary) near3 (detect\$3 or determin\$5 or identify\$3))	USPAT; US-PGPUB; EPO	2004/03/15 14:12
2	32	((((film or photo\$5 or image or picture) near5 holder) or ((photo\$5 or picture) near3 frame)) with (scan\$4 or read\$3)) same ((edge or border or boundary) near3 (detect\$3 or determin\$5 or identify\$3))	USPAT; US-PGPUB; EPO	2004/03/15 14:12
3	11	(extract\$3 near3 image) same ((film or photo\$7 or picture or frame) near3 holder)	USPAT; US-PGPUB; EPO	2004/03/15 14:12
4	30	(US-6034719-\$ or US-5767947-\$ or US-5682441-\$ or US-5274418-\$ or US-6301398-\$ or US-5845018-\$ or US-6317221-\$ or US-6623528-\$ or US-6556276-\$ or US-6057941-\$ or US-5940121-\$ or US-5900909-\$ or US-5768444-\$ or US-5576836-\$ or US-5574577-\$ or US-5369426-\$ or US-5337164-\$ or US-6519046-\$ or US-6262814-\$ or US-6064778-\$ or US-6014199-\$ or US-5844226-\$ or US-5565912-\$ or US-5555181-\$ or US-5555092-\$ or US-5502541-\$).did. or (US-5128519-\$ or US-6100960-\$ or US-4649436-\$).did. or (US-20020176120-\$).did.	USPAT; US-PGPUB	2004/03/15 15:53
5	1	((US-6034719-\$ or US-5767947-\$ or US-5682441-\$ or US-5274418-\$ or US-6301398-\$ or US-5845018-\$ or US-6317221-\$ or US-6623528-\$ or US-6556276-\$ or US-6057941-\$ or US-5940121-\$ or US-5900909-\$ or US-5768444-\$ or US-5576836-\$ or US-5574577-\$ or US-5369426-\$ or US-5337164-\$ or US-6519046-\$ or US-6262814-\$ or US-6064778-\$ or US-6014199-\$ or US-5844226-\$ or US-5565912-\$ or US-5555181-\$ or US-5555092-\$ or US-5502541-\$).did. or (US-5128519-\$ or US-6100960-\$ or US-4649436-\$).did. or (US-20020176120-\$).did.) and (hough adj transform)	USPAT; US-PGPUB; EPO	2004/03/15 15:54
6	1	(image adj (rotat\$3 or skew\$3 or orientat\$3)) near5 (hough adj transform)	USPAT; US-PGPUB; EPO	2004/03/15 15:56
7	8	(image adj (rotat\$3 or skew\$3 or orientat\$3)) with (hough adj transform)	USPAT; US-PGPUB; EPO	2004/03/15 16:59
8	116	((smooth\$3 near2 filter) with R)	USPAT; US-PGPUB; EPO	2004/03/15 17:34
9	252	((((smooth\$3 or blur\$3 or (low adj pass) or low\$1pass) near2 filter) with R) same image)	USPAT; US-PGPUB; EPO	2004/03/15 17:36
10	223	(((((smooth\$3 or blur\$3 or (low adj pass) or low\$1pass) near2 filter) with R) same image)) not (((smooth\$3 near2 filter) with R))	USPAT; US-PGPUB; EPO	2004/03/15 17:37
11	204	(((((smooth\$3 or blur\$3 or (low adj pass) or low\$1pass) near2 filter) with R) same image)) not (((smooth\$3 near2 filter) with R))) and (@ad<=20010525 or @rlad<=20010525)	USPAT; US-PGPUB; EPO	2004/03/15 19:40
12	68	((((edge or boundar\$3) near2 detect\$3) near3 (filter or kernel)) with (binary or ("0" and "1") or threshold)	USPAT; US-PGPUB; EPO	2004/03/15 19:42
13	49	((((edge or boundar\$3) near2 detect\$3) near3 (filter or kernel)) with (binary or ("0" and "1") or threshold)) and (@ad<=20010521 or @rlad<=20010521)	USPAT; US-PGPUB; EPO	2004/03/15 20:29
14	0	(image near2 (border or boundary)) near3 (dark\$3 near2 pixels)	USPAT; US-PGPUB; EPO	2004/03/15 20:25

15	7	(image near2 (border or boundary)) with (dark\$3 near2 pixels)	USPAT; US-PGPUB; EPO	2004/03/15 20:25
16	7	(image near2 (border or boundary)) with (dark\$3 near2 pixel)	USPAT; US-PGPUB; EPO	2004/03/15 20:28
17	172	(image near2 (border or boundary or edge)) with ((dark\$3 or black) near2 pixel)	USPAT; US-PGPUB; EPO	2004/03/15 20:28
18	161	((image near2 (border or boundary or edge)) with ((dark\$3 or black) near2 pixel)) and (@ad<=20010521 or @rlad<=20010521)	USPAT; US-PGPUB; EPO	2004/03/15 20:29

213 - 217 are relevant
for remaining claims

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2	32	((((film or photo\$5 or image or picture) near5 holder) or ((photo\$5 or picture) near3 frame)) with (scan\$4 or read\$3)) same ((edge or border or boundary) near3 (detect\$3 or determin\$5 or identify\$3))	USPAT; US-PGPUB; EPO	2004/03/15 14:12
3	11	(extract\$3 near3 image) same ((film or photo\$7 or picture or frame) near3 holder)	USPAT; US-PGPUB; EPO	2004/03/15 14:12